

11. (Amended) A method according to claim 1 wherein the step (c) of deconvolution is carried out according to the procedure for auto-deconvolution of combinatorial libraries described in WO 97/42216.

13. (Amended) A method according to claim 1 wherein said enzyme catalyses covalent modification selected from the group consisting of phosphorylation, acylation; and dephosphorylation.

14. (Amended) A method according to claim 1 wherein said enzyme is a protein kinase enzyme.

15. (Amended) A method according to claim 1 wherein said modifiable residue Z is selected from the group consisting of tyrosine; serine; threonine; histidine; and aspartic acid.

16. (Amended) A protein kinase inhibitor capable of inhibiting the catalytic transfer of the γ -phosphate from ATP to an amino acid residue on a substrate molecule, said inhibitor having been produced by the method of claim 1.